

499-544

11/21/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Jenna Garwood  
Whitmire Micro-Gen Research Laboratories Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682

NOV 21 2013

Dear Ms. Garwood:

Subject: Application for Pesticide Notification (PRN 98-10)  
Add Alternate Brand Name and descriptor  
TC-307  
EPA Reg. No. 499-544  
Your submission dated October 25, 2013

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated October 25, 2013 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. The Agency's records will be updated to include the Alternate Brand Name: Pylon TR.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions regarding this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at [pilitt.dana@epa.gov](mailto:pilitt.dana@epa.gov).

Sincerely

A handwritten signature in black ink, appearing to read "Richard Gebken".

Richard Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division (7505P)

499-544 D 484823



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> 499-544	<b>2. EPA Product Manager</b> Richard Gebken	<b>3. Proposed Classification</b> <input type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Whitmire Micro-Gen TC 307	<b>PM#</b> 10	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Whitmire Micro-Gen Research Laboratories Inc. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122-6682  <input type="checkbox"/> Check if this is a new address	<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <div style="text-align: center; font-size: 1.2em; font-weight: bold;">NOTIFICATION</div> EPA Reg. No. _____  Product Name <span style="float: right; font-size: 1.2em; font-weight: bold;">NOV 21 2013</span>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of Alternate Brand Name per PR Notice 98-10.  
 We are adding the alternate brand name, Pylon TR (w/ descriptor Total Release Miticide/Insecticide). This notification is consistent with the provisions of PRN notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement of EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

**1. Material This Product Will Be Packaged In:**

<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>2. Type of Container</b> <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<b>* Certification must be submitted</b> If "Yes" Unit Packaging wgt.    No. per container		If "Yes" Package wgt    No. per container	

<b>3. Location of Net Contents Information</b> <input type="checkbox"/> Label <input type="checkbox"/> Container	<b>4. Size(s) Retail Container</b>	<b>5. Location of Label Directions</b> <input type="checkbox"/>
<b>6. Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		

**Section - IV**

**1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)**

<b>Name</b> Jenna Garwood	<b>Title</b> Product Registration Specialist	<b>Telephone No. (Include Area Code)</b> (919) 659-3930
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<p style="text-align: center;"><b>Certification</b></p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>	<b>6. Date Application Received (Stamped)</b>	
<b>2. Signature</b> 	<b>3. Title</b> Product Registration Specialist	
<b>4. Typed Name</b> Jenna Garwood	<b>5. Date</b> 10/25/2013	



The Chemical Company

October 25, 2013

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
ATTN: Mr. Richard Gebken, PM Team 10  
Insecticide Branch (7504P)  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

**Re: Label Notification (v 2.2) per PRN 98-10 §II.A. – Addition of Alternate Brand Name  
Whitmire Micro-Gen TC-307, EPA Reg. No. 499-544**

Dear Mr. Gebken:

Enclosed in support of this label notification is a completed application (EPA Form 8570-1) and two copies revised labeling (one clean and one highlighted for easy reference).

The label has been revised as follows to add or include:

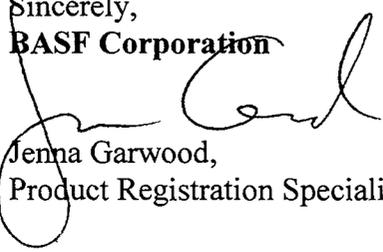
- The Alternative Brand Name: "Pylon TR" with the descriptor "Total Release Miticide/Insecticide"

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Thank you for your assistance in this matter. Please do not hesitate to contact me at (919) 659-3930 or [jenna.garwood@basf.com](mailto:jenna.garwood@basf.com) if you have any questions or require any additional information.

Sincerely,

**BASF Corporation**

  
Jenna Garwood,  
Product Registration Specialist

BASF Corporation  
Pest Control Solutions  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122  
Tel: (800) 777-8570  
[www.PestControl.basf.us](http://www.PestControl.basf.us)

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Master Label  
[Text in this color may be print-restricted from marketplace label.]

V2.2 (10/25/2013; jmg)

### TC-307

### NOTIFICATION

NOV 21 2013

[ALTERNATE BRAND NAME: Pylon® TR] {accepted w/NoPR 7/7/11}

[Descriptor: Total Release Miticide-Insecticide]

[ALTERNATE BRAND NAME: Pylon TR (w/ descriptor Total Release Miticide/Insecticide) {Added via Notification 10/25/2013}]

Treats up to 3,000 ft<sup>2</sup> (50,000 ft<sup>3</sup>)

#### KILLS MITES AND CATERPILLARS, SUPPRESSES THE IMMATURE STAGE OF FUNGUS GNAT AND THRIPS

For use only on Ornamental Crops and Fruiting Vegetables Grown in Commercial Greenhouses and fully enclosed Garden Centers. NOT for indoor, residential use (e.g., homes, apartments, mobile homes).

May be used on Greenhouse Ornamental Plants including: Bedding Plants, Cut Flowers, Evergreens, Flowering plants, Foliage Plants, Fruiting Vegetables, Containerized Plants, Ground Covers, Non-Bearing Fruit Trees, Non-Bearing Nut Trees, Non-Bearing Vines, Ornamental Trees and Shrubs

#### ACTIVE INGREDIENT:

Chlorfenapyr.....4.5%

OTHER INGREDIENTS:.....95.5%

TOTAL: 100.0%

### KEEP OUT OF REACH OF CHILDREN

### WARNING • AVISO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 499-544 • EPA Est. No. 7969-MO-1

[ALTERNATE TEXT: See inside booklet for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.]

NET WEIGHT: 2 oz

#### FIRST AID

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15 – 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP (4357), 24 hrs/day, 7 days/week.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Breathing spray mist may be harmful. Avoid breathing vapors or spray mist. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove clothing/personal protective equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category B on an EPA chemical resistance category selection chart.

**APPLICATORS AND OTHER HANDLERS MUST WEAR:** Baseline PPE consisting of a long-sleeved shirt, long pants, chemical-resistant gloves such as barrier laminate and butyl rubber ≥14 mils, and shoes plus socks. Wear protective eyewear.

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Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove and wash contaminated clothing before reuse.

**PHYSICAL OR CHEMICAL HAZARDS**

**Flammable** Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.



**Highly Flammable Ingredient**  
**Ingrediente Altamente Inflamable**

**DIRECTIONS FOR USE**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

**USE RESTRICTIONS**

- Apply this product only as specified on this label.
- Not for Indoor Residential Use
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during application.
- Do not allow patrons of Garden Centers to enter the treated area for at least 12 hrs following application. Thoroughly ventilate treated area before reoccupying.
- Do not use this product in greenhouses with unvented or defective gas heating systems or when open combustion exists.
- Do not proceed with application if plants are under stress, such as extreme temperatures and humidity created by tightly closed greenhouses.
- Do not apply more than 2 consecutive times before rotating to a chemical with a different mode of action. Refer to the **Resistance Management** section for additional use instructions.
- Do not apply to consecutive crops in a greenhouse structure unless applied in combination with other effective miticides/insecticides with a different mode of action.
- Do not contaminate food or feedstuffs.
- Do not compost any discarded plant materials that have been treated with this product.
- Do not use on tomato varieties with a diameter < 1" when mature.
- Do not apply more than 3 times during a crop growing cycle.
- Fruiting Vegetables: Allow at least 5 – 7 days between each application.

**AGRICULTURAL USE REQUIREMENTS**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted-entry interval (REI) and notification to workers (as applicable). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas until after the REI of 12 hrs (with no ventilation). Early entry to treated areas is permissible after 4 hrs (per 40 CFR 170.112) to perform short-term activities, such as ventilation procedures, provided personal protective equipment is worn as specified below. Ventilate the treated areas per 40 CFR 170.110(c)(3) (i.e. 10 air exchanges are completed; or 2 hrs of ventilation using fans or other mechanical ventilating systems; or 4 hrs of ventilation using vents, windows or other passive ventilation). Upon completion of ventilation, regular activities are permitted while wearing PPE as specified below. The REI is equivalent to completion of ventilation (as described above) or 12 hrs (with no ventilation) and no PPE is required after this time.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, chemical resistant gloves (such as barrier laminate and butyl rubber ≥14 mils) and shoes plus socks.

Notify workers of the application by warning them orally and by posting warning signs outside all entrances to the greenhouse.

**RESISTANCE MANAGEMENT:** Crop protection chemicals should always be used in resistance pest management programs that are suitable for the crop/pest complex involved. Any pest management program undertaken should coordinate different chemistry classes of

[Text in this color may be print-restricted from marketplace label.]

insecticides in their spray schedules, thorough coverage of targeted crop/pests(s), use of proper chemical rates per label directions, monitoring pest populations, and other factors as conditions warrant. Consult your Cooperative Extension Service for suggestions on minimizing insect resistance. Chlorfenapyr belongs to the class of insecticides/miticides known as Pyrroles, IRAC Class 13. See additional resistance management suggestions under Use Restrictions.

**PHYTOTOXICITY NOTICE:** This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Therefore, before treating a large number of plants, treat a few plants and observe for plant damage and for performance prior to full scale application.

**Sensitive Species:** Phytotoxicity has been shown to occur with Pylon miticide-insecticide liquid formulation and Pylon TR Total Release miticide-insecticide on some varieties of carnations, dianthus, kalanchoes, poinsettia, roses, salvia and zinnia. If the grower, at his or her own risk chooses to use this product on any of these sensitive species, then testing plants species and varieties under the grower's condition is highly recommended prior to the use of this product as it is stated by BASF to have shown phytotoxic injury. Wait to observe plant response for at least 7-14 days after application in grower's phytotoxicity test, prior to using across an entire crop at your operation. Growers should collect a variety of sample plants, flowers, foliage or ornamentals of concern, place them in an empty greenhouse (or designated testing area) and activate one can of product per the Directions for Use.

**TO USE THIS PRODUCT CORRECTLY:** For best results, apply during early evening when foliage is dry and greenhouse temperature is between 60° – 80°F. Keep canister at room temperature (about 65°F). Apply product when pest (or plant damage typical of an indicated pest) is seen.

Target Pest	Use Rate/ft <sup>2</sup> of plant foliage	
	Low Rate	High Rate
<b>Spider Mites</b> , including: Two-Spotted Spider mite ( <i>Tetranychus urticae</i> and other <i>Tetranychus</i> sp.) Broad mite ( <i>Polyphagotarsonemus latus</i> ) Citrus budmite ( <i>Eriophyes pallidus</i> ) Rust Mite ( <i>Phyllocoptruta</i> sp., <i>Epirimerus</i> sp. and <i>Aculus</i> sp.)	<b>1 can/3,000 ft<sup>2</sup></b> Repeat applications can be made at 7 day intervals.	<b>2 cans/3,000 ft<sup>2</sup></b> Repeat applications can be made at 7 day intervals.
<b>Caterpillars</b> , including: immatures & adult stage of caterpillar such as Beet armyworm ( <i>Spodoptera exigua</i> ), Cabbage looper ( <i>Trichoplusia ni</i> ), and Soybean looper ( <i>Pseudoplusia includens</i> ). Pylon does not control egg mite stage.		
<b>Thrips</b> , including: immature stage of Chili Thrips ( <i>Scirtothrips dorsalis</i> Hood) Western Flower thrips ( <i>Frankliniella occidentalis</i> )		
<b>Fungus Gnat</b> , including: immature stage of Fungus Gnat ( <i>Bradysia</i> sp.)		

Thorough coverage is achieved by the normal air movement within your greenhouse. The chemical will move around and throughout the plant foliage due to the small particle size produced, and the normal ebb and flow movement of the air. Both top and bottom of the plant foliage is covered with particles during application.

Do not use in small, enclosed spaces such as closets, cabinets or under counters or tables. Use of a fogger in an enclosed space may cause it to explode, resulting in injury to people or damage to property.

**BEFORE FOGGING:** Remove or cover exposed food. Shut off all exhaust fans and close all windows, doors and ventilators. Turn off all ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycle off and on. Prepare a 3 ft plant free zone in which to place canister. Elevate canister above the top of plants; common practice is to place the canister on a stool or overturned pot to elevate it to allow for unobstructed release. To treat hanging baskets, an empty basket can be used to hold the canister and elevate it to the hanging basket level. Low volume horizontal air flow may help optimize performance.

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**TO START FOGGING:** Hold the canister away from you and depress the actuator until it is locked down. Once the canister has been activated, place the canister in the plant-free zone; vacate the structure immediately, and close the door.

**AIRING OUT:** Use low volume horizontal air flow or have fans off for a minimum of 4 hrs following activation of canister, or all night if possible, to thoroughly ventilate the treated area before reoccupying.

**FOR USE ON**

**Greenhouse Ornamental Plants** including: Bedding Plants, Cut Flowers, Evergreens, Flowering plants, Foliage Plants, Fruiting Vegetables, Containerized Plants, Ground Covers, Non-Bearing Fruit Trees, Non-Bearing Nut Trees, Non-Bearing Vines, Ornamental Trees and Shrubs

**CROPS AND FRUITING VEGETABLES:** Tomato, Tomatillo, Ground Cherry, Peppers, Eggplant and Pepinos

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store below 32°F. Store in a cool, dry (preferably locked) area, away from heat or open flame, in a place that is inaccessible to children and animals.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Do not puncture or incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Contact your local solid waste agency for disposal instructions.

Contains no CFCs or other ozone depleting substances.  
Federal regulations prohibit CFC propellants in aerosols.



**CONDITIONS OF SALE AND WARRANTY**

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for:  
Whitmire Micro-Gen Research Laboratories, Inc.®  
by BASF Corporation  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682  
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